

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041918\
 Data File : BF104627.D
 Acq On : 19 Apr 2018 13:25
 Operator : JU/SJ
 Sample : PB108340BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB108340BL

Quant Time: Apr 19 15:29:48 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 19 14:44:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	119999	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	463595	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	184743	20.00	ng	-0.01
63) Phenanthrene-d10	11.33	188	277355	20.00	ng	0.00
75) Chrysene-d12	13.97	240	245984	20.00	ng	-0.01
86) Perylene-d12	15.44	264	267223	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	815985	103.97	ng	0.01
7) Phenol-d6	6.45	99	939303	97.41	ng	0.00
23) Nitrobenzene-d5	7.37	82	610190	85.95	ng	-0.01
41) 2,4,6-Tribromophenol	10.63	330	183607	95.81	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	1023508	87.52	ng	0.00
78) Terphenyl-d14	12.92	244	796382	73.81	ng	0.00

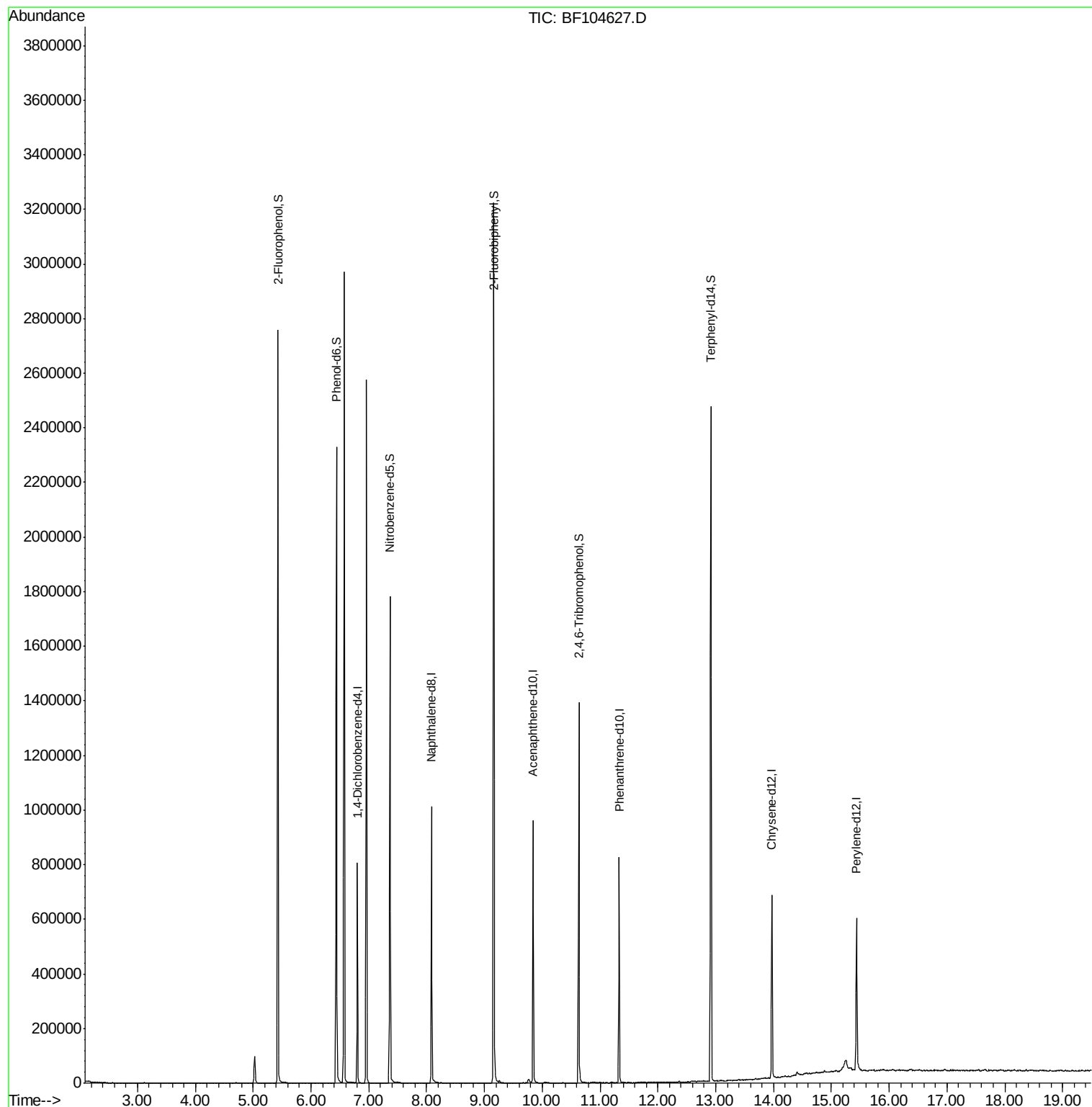
Target Compounds Qvalue

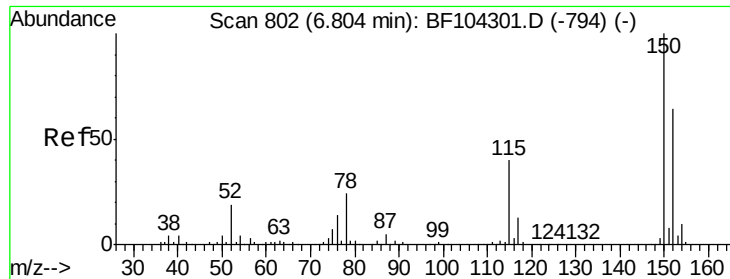
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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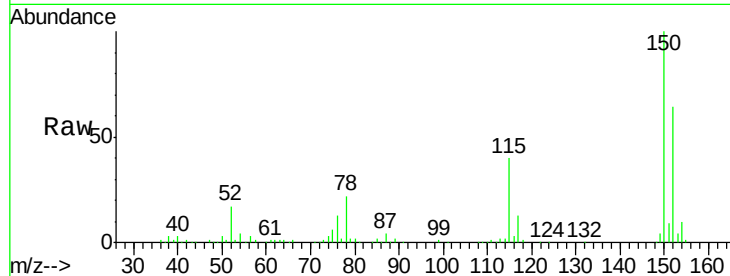


#1

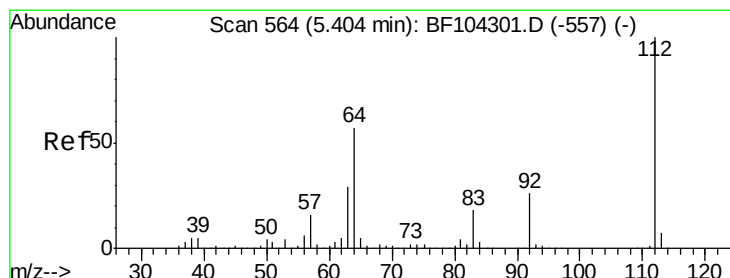
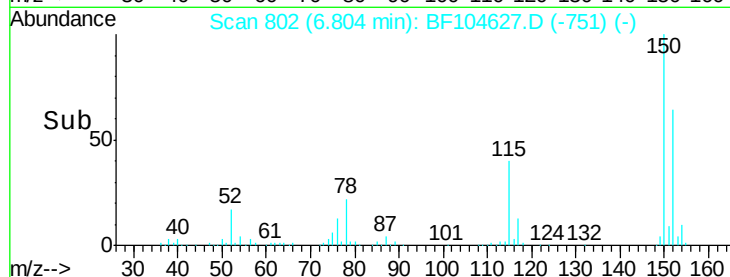
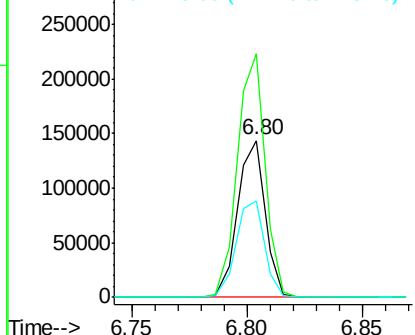
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. 0.00 min
Lab File: BF104627.D
Acq: 19 Apr 2018 13:25

Instrument :
BNA_F
ClientSampleId :
PB108340BL

Tot Ion:152 Resp: 119999
Ion Ratio Lower Upper
152 100
150 155.5 124.6 186.8
115 61.5 50.1 75.1



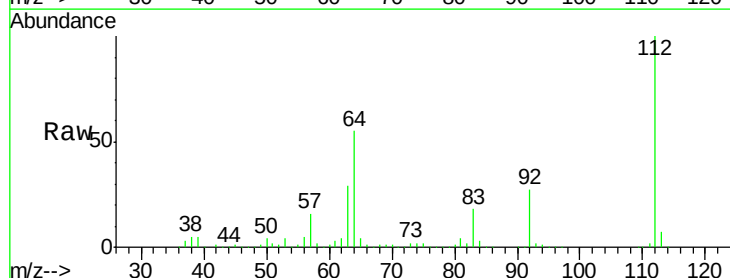
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



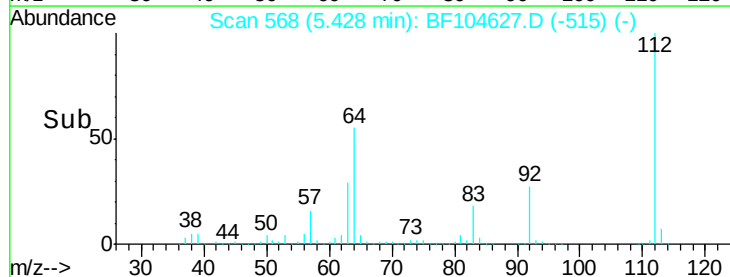
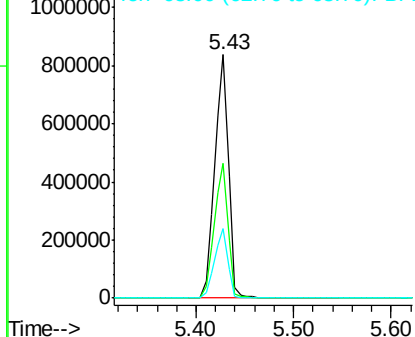
#5

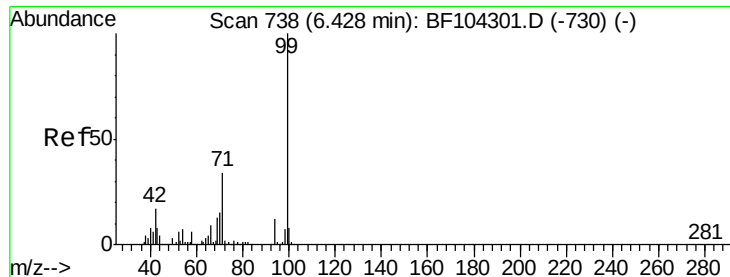
2-Fluorophenol
Concen: 103.975 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.01 min
Lab File: BF104627.D
Acq: 19 Apr 2018 13:25

Tgt Ion:112 Resp: 815985
Ion Ratio Lower Upper
112 100
64 55.2 47.9 71.9
63 28.5 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 97.412 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF104627.D

Acq: 19 Apr 2018 13:25

Instrument :

BNA_F

ClientSampleId :

PB108340BL

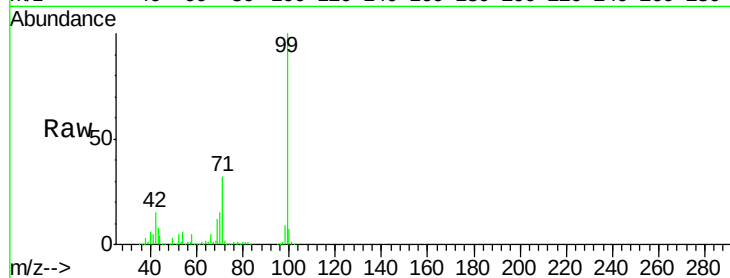
Tot Ion: 99 Resp: 939303

Ion Ratio Lower Upper

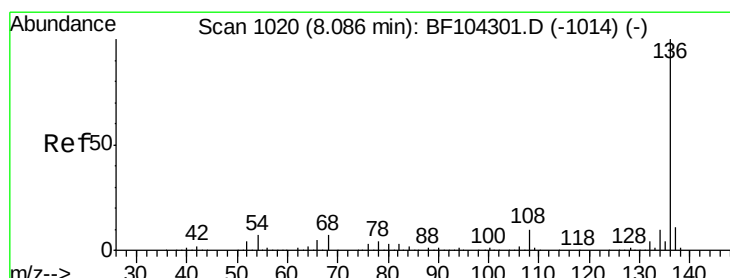
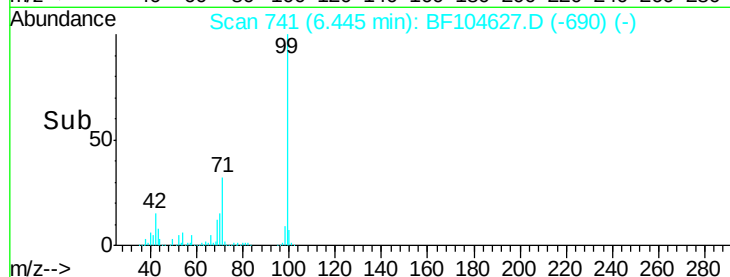
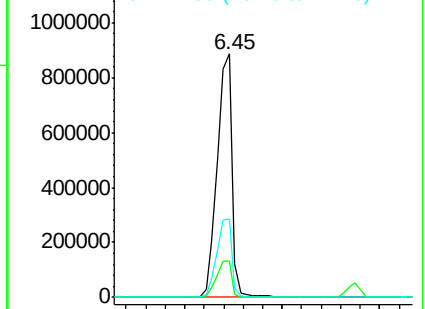
99 100

42 14.9 14.5 21.7

71 32.4 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1020

Delta R.T. -0.01 min

Lab File: BF104627.D

Acq: 19 Apr 2018 13:25

Tgt Ion: 136 Resp: 463595

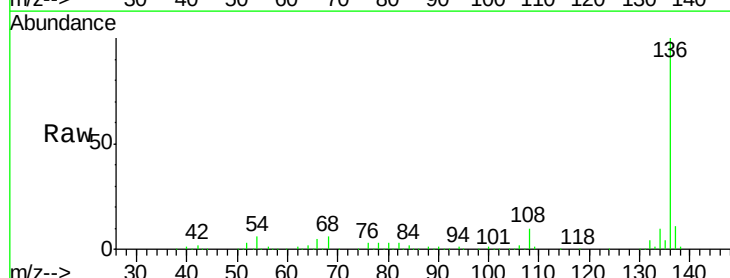
Ion Ratio Lower Upper

136 100

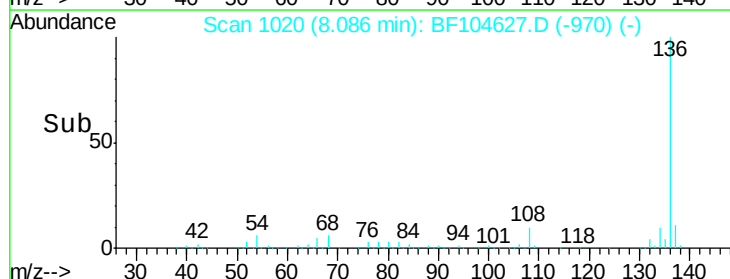
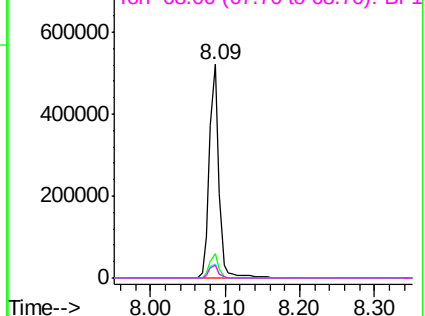
137 11.2 8.9 13.3

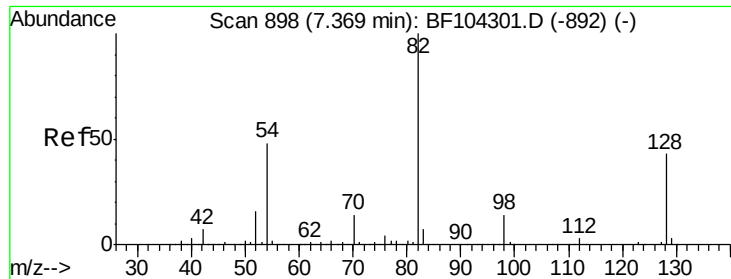
54 6.4 6.6 9.8#

68 6.0 5.0 7.4



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

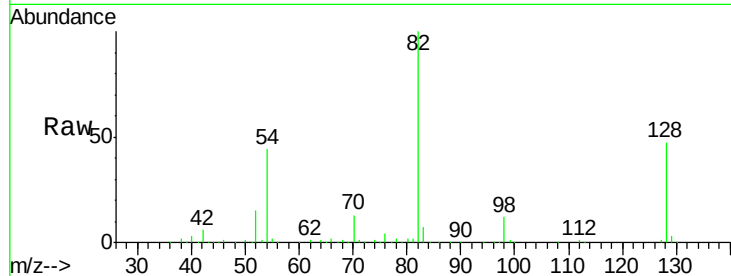




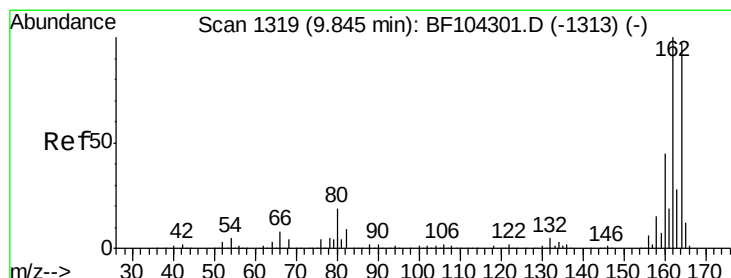
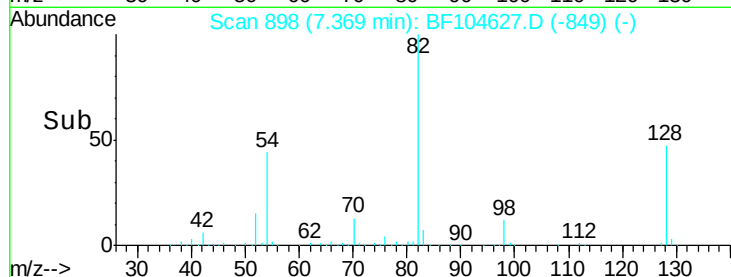
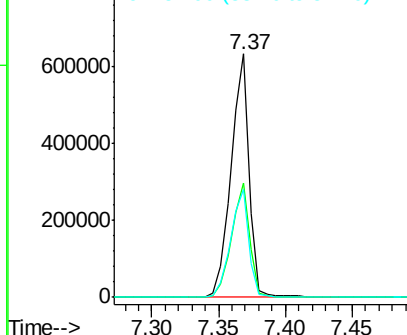
#23
Nitrobenzene-d5
Concen: 85.946 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF104627.D
Acq: 19 Apr 2018 13:25

Instrument :
BNA_F
ClientSampleId :
PB108340BL

Tot Ion: 82 Resp: 610190
Ion Ratio Lower Upper
82 100
128 47.0 36.1 54.1
54 44.4 41.4 62.2

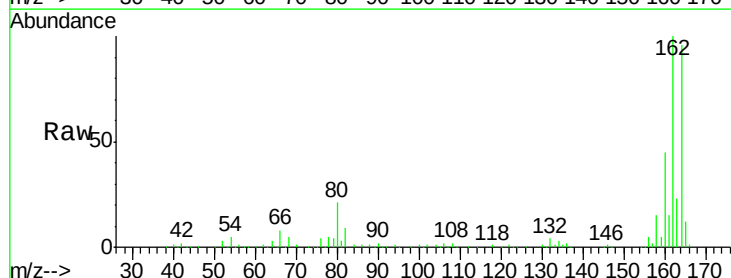


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

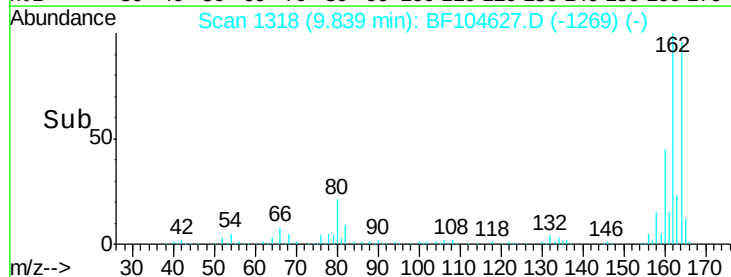
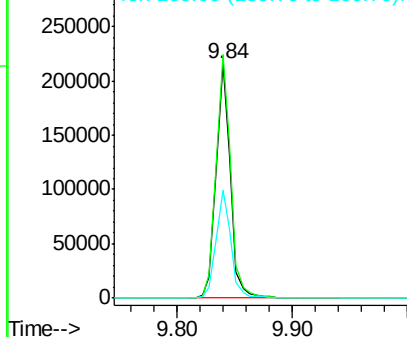


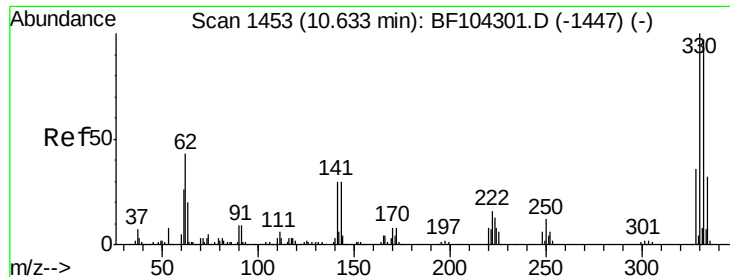
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF104627.D
Acq: 19 Apr 2018 13:25

Tgt Ion: 164 Resp: 184743
Ion Ratio Lower Upper
164 100
162 103.9 86.1 129.1
160 46.3 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): BF1
Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1

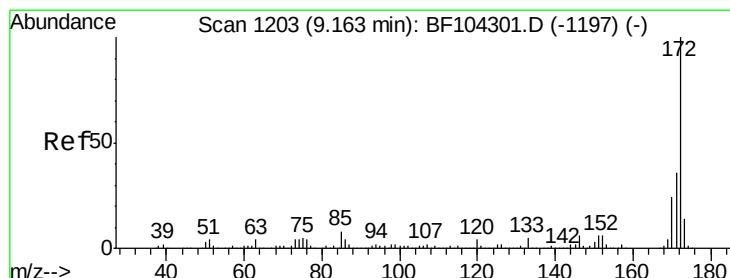
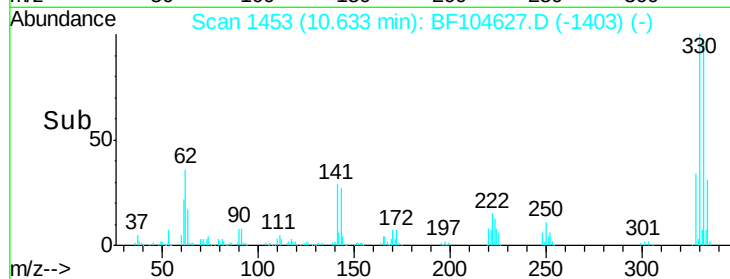
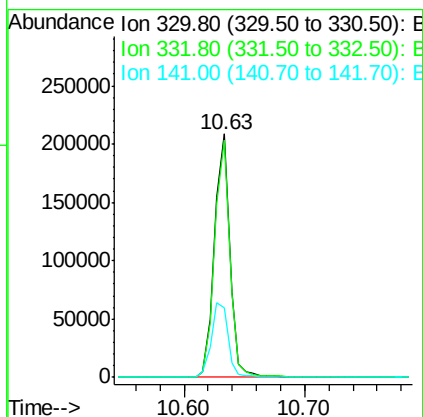
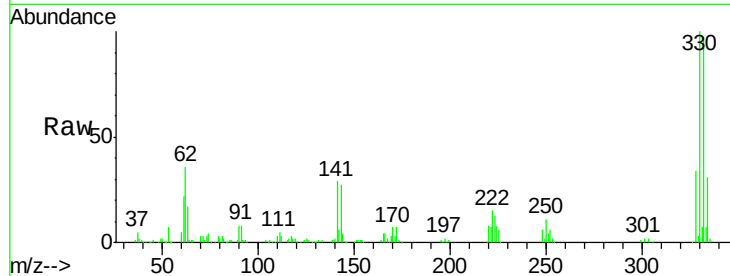




#41
 2,4,6-Tribromophenol
 Concen: 95.809 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.01 min
 Lab File: BF104627.D
 Acq: 19 Apr 2018 13:25

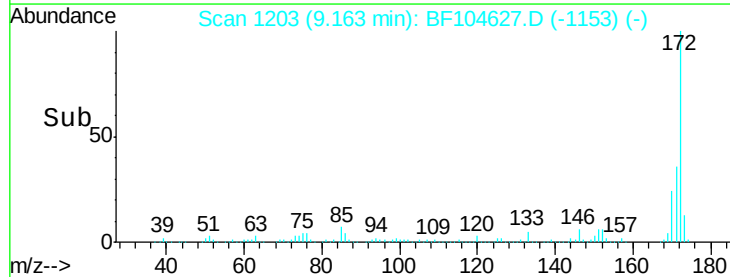
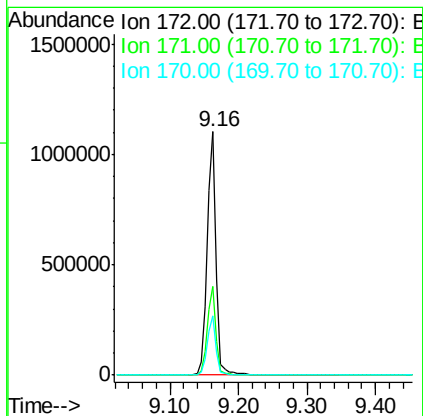
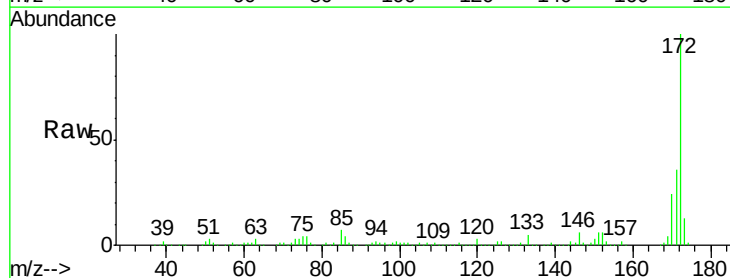
Instrument :
 BNA_F
 ClientSampleId :
 PB108340BL

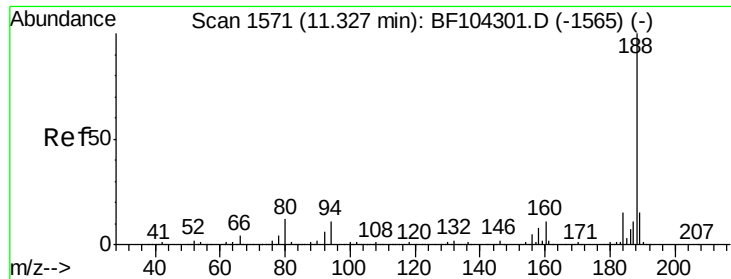
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.0	115.6
141	33.3	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 87.521 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF104627.D
 Acq: 19 Apr 2018 13:25

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	24.2	19.6	29.4

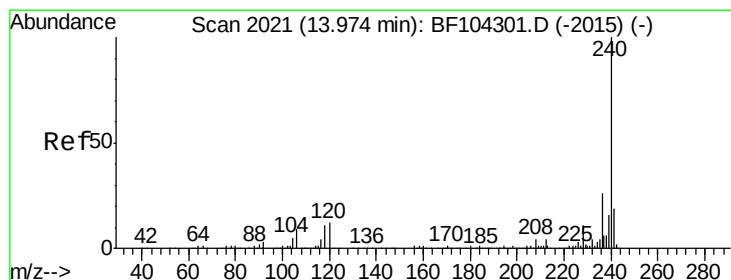
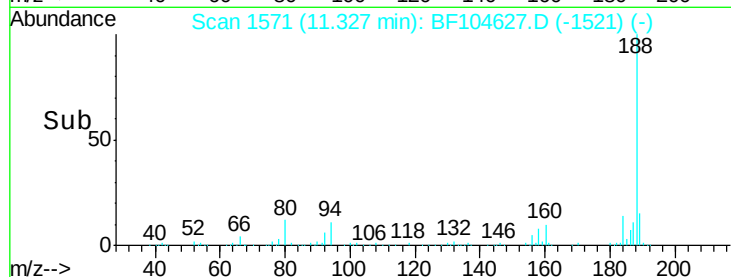
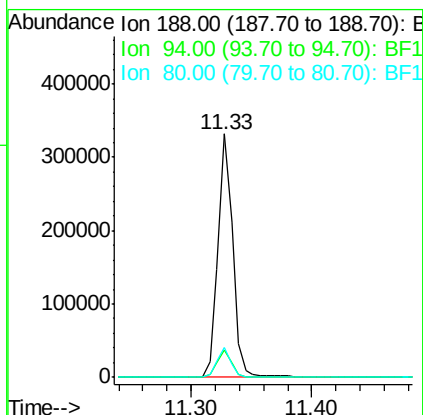
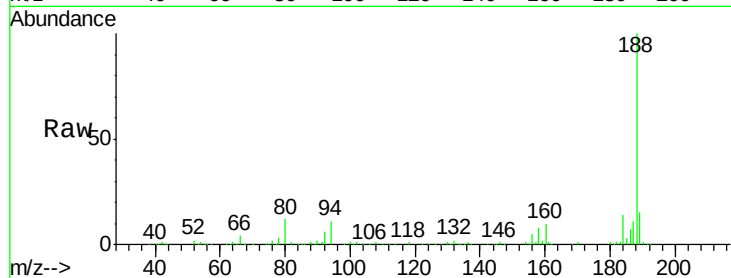




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BF104627.D
Acq: 19 Apr 2018 13:25

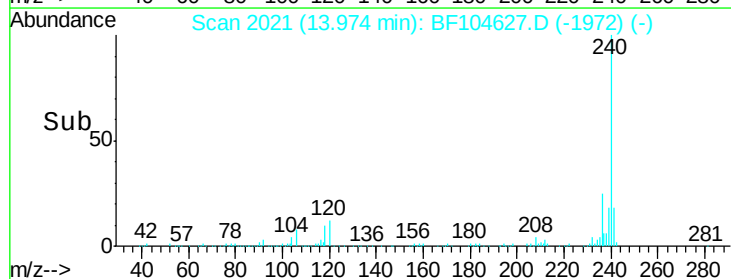
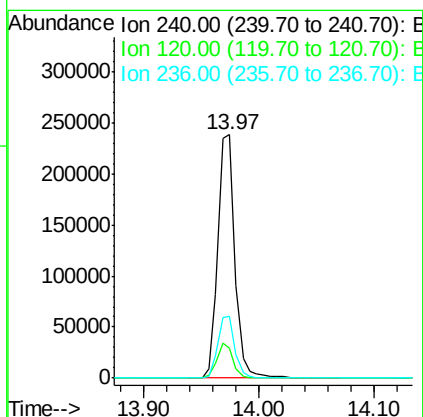
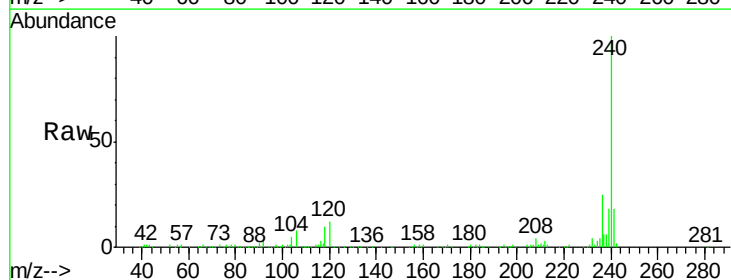
Instrument :
BNA_F
ClientSampleId :
PB108340BL

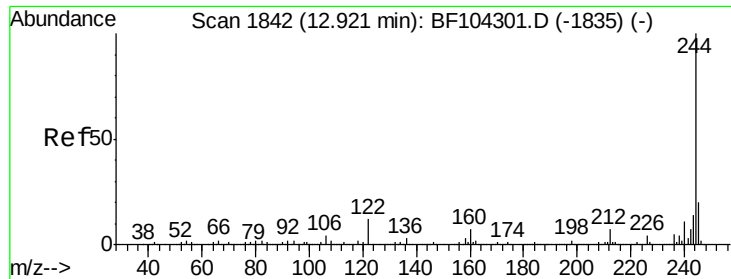
Tot Ion	Ratio	Lower	Upper
188	100		
94	11.4	8.5	12.7
80	12.2	9.2	13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF104627.D
Acq: 19 Apr 2018 13:25

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.1	9.5	14.3
236	25.2	20.7	31.1

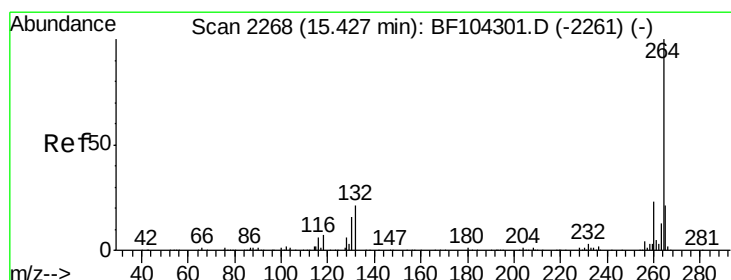
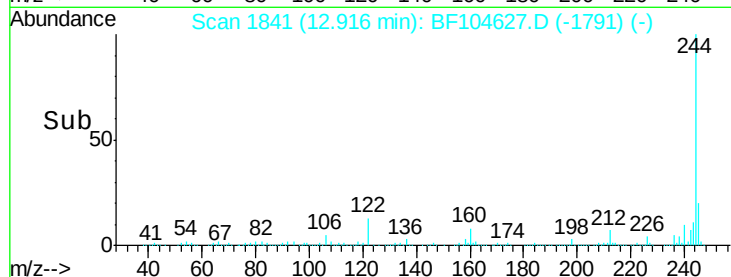
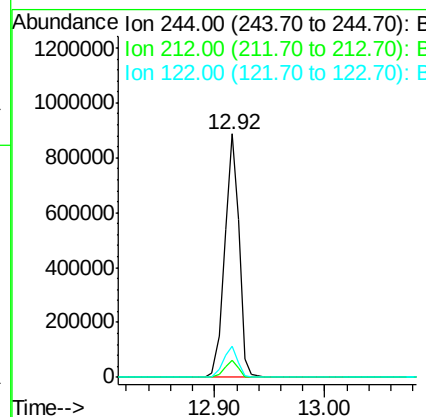
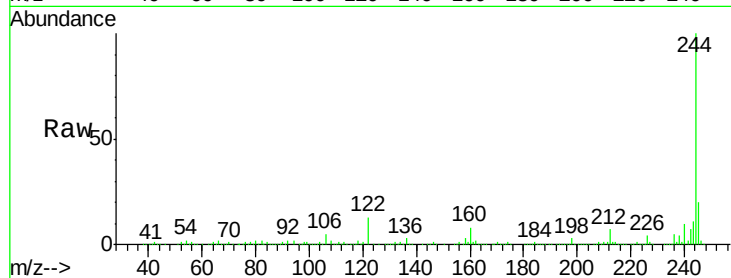




#78
 Terphenyl-d14
 Concen: 73.810 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.01 min
 Lab File: BF104627.D
 Acq: 19 Apr 2018 13:25

Instrument :
 BNA_F
 ClientSampleId :
 PB108340BL

Tot Ion:244 Resp: 796382
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 12.9 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2270
 Delta R.T. -0.01 min
 Lab File: BF104627.D
 Acq: 19 Apr 2018 13:25

Tgt Ion:264 Resp: 267223
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.2 28.8
 265 21.2 17.5 26.3

